#### 2001-IP-004018U1D1 PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Paul D. Lord et al.	)
a		) Art Unit: Unknown
Serial No.:	Unknown	) Examiner: Unknown
Filing Date:	Unknown	) Examiner. Officiowin
_		)
For:	HIGH TEMPERATURE SEAWATER-	)
	BASED CROSS-LINKED FRACTURING	)
	FLUIDS AND METHODS	)

# COMMISSIONER FOR PATENTS Alexandria, VA 22313-1450

## **INFORMATION DISCLOSURE STATEMENT**

The following references are being cited in the above application pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98. Copies of the references and a corresponding Form PTO-1449 are included herewith.

#### U.S. Patents:

PATENTEE(S)	PATENT NO.	ISSUE DATE
Tiner et al.	3,888,312	06-10-75
Conway	4,462,917	07-31-84
Smeltz	4,609,479	09-02-86
Shuchart et al.	5,759,964	06-02-98
Harris et al.	5,827,804	10-27-98
Mitchell et al.	6,227,295	05-08-01
Nguyen et al.	6,257,335	07-10-01

## Foreign Patents:

PATENTEE(S)	PATENT NO.	ISSUE DATE
Dovan et al.	WO 96/19637	06-27-96

## **Publications**:

			RELEVANT		PLACE OF
PUBLISHER	AUTHOR	TITLE	PGS.	DATE	PUBLICATION
Industrial Marketing Dept., Citrotech Division, Miles Laboratories, Inc.	G.T. Blair and M.F. Zienty	"Citric Acid Chelation," CITRIC ACID: PROPERTIES AND REACTIONS	71	1975	Elkhart, Indiana
Saunders College Publishing	J.C. Kotz and K.F. Purcell	"Naming Coordination Compounds," Chemistry & Chemical Reactivity	962	1987	Philadelphia, PA
SPEPF	A.S. de Kruijf, L.P. Roodhart and D.R. Davies	Relation Between Chemistry and Flow Mechanics of Borate-Crosslinked Fracturing Fluids	165	August 1993	
	H. Le and R. Wood	New Frac Fluid Enhances Options for Offshore Wells, Ocean Industry	49	March 1992	
1999 International Symposium on Oilfield Chemistry	P.C. Harris and D. van Batenburg	A Comparison of Freshwater- and Seawater-Based Borate-Crosslinked Fracturing Fluids	SPE 50777	February 16-19, 1999	Houston, Texas

Respectfully submitted,

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Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO				Complete if Known		
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ST	STATEMENT BY APPLICANT			First Named Inventor	Paul D. Lord et al.	
				Group Art Unit	Unknown	
(use as many sheets as necessary)			necessary)	Examiner Name	Unknown	
Sheet	1	of	2	Attorney Docket Number	HES 2000-IP-004018U1D1	

				U.S. PATENT DOCUMENTS	3	
Examiner Initials*	Cite No.1	U.S. Patent D Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	3,888,312		Tiner et al.	06-10-1975	
	2	4,462,917		Conway	07-31-1984	
	3	4,609,479		Smeltz	09-02-1986	
	4	5,759,964		Shuchart et al.	06-02-1998	
	5	5,827,804		Harris et al.	10-27-1998	
	6	6,227,295		Mitchell et al.	05-08-2001	
	7	6,257,335		Nguyen et al	07-10-2001	
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Examiner Initials*	Cite No.1	Office <sup>3</sup>	Number4	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Publication of Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	Te
	21		WO 96/196	537	Union Oil Company of California	06-27-1996		Х
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PTO/SB/O8A (08-00)
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INFORMATION DISCLOSURE				Filing Date	Concurrent Herewith	
ST	STATEMENT BY APPLICANT			First Named Inventor	Paul D. Lord et al.	
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(use as many sheets as necessary)			necessary)	Examiner Name	Unknown	
Sheet	2	of	2	Attorney Docket Number	HES 2000-IP-004018U1D1	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	7	G.T. BLAIR and M.F. ZIENTY, "Citric Acid Chelation," CITRIC ACID: PROPERTIES AND REACTIONS, 1975, p. 71, Industrial Marketing Dept., Citrotech Division, Miles Laboratories, Inc. Elkhart, Indiana	
	8	J.C. KOTZ and K.F. PURCELL, "Naming Coordination Compounds," <i>Chemistry &amp; Chemical Reactivity</i> , 1987, p. 962, Saunders College Publishing, Philadelphia, PA	
	9	A.S. de KRUIJF, L.P. ROODHART and D.R. Davies, Relation Between Chemistry and Flow Mechanics of Borate-Crosslinked Fracturing Fluids, August 1993, p. 165, SPEPF	
	10	H. LE and R. WOOD, New Frac Fluid Enhances Options for Offshore Wells, <i>Ocean Industry</i> , March 1992, p. 49	
	11	P.C. HARRIS and D. VAN BATENBURG, A Comparison of Freshwater- and Seawater-Based Borate-Crosslinked Fracturing Fluids, February 16-19, 1999, SPE 50777, 1999 International Symposium on Oilfield Chemistry, Houston, Texas	
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